



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Short, et al.
Serial No. : 09/866,379
Filed : May 24, 2001
Title : RECOMBINANT BACTERIAL PHYTASES AND USES THEREOF

Art Unit : 1652
Examiner : Delia M. Ramirez

Commissioner for Patents
Washington, D.C. 20231

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INFORMATION DISCLOSURE STATEMENT

Sir:

Enclosed for filing in the above-referenced patent application are a new Form PTO-1449 and copies of two Form PTO-1449 from a parent application, being submitted prior to the first Office Action on the merits. Applicants respectfully request consideration of the remarks and references set forth herein.

The following documents are enclosed herewith:

- copy of two Form PTO-1449;
- new Form PTO-1449 to be initialed and returned to the Applicants; and
- Postcard.

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents P. O. Box 2327, Arlington, VA 22202.

9/9/2002

Date of Deposit

Signature

Debbrah K. Sim

Typed or Printed Name of Person Signing Certificate

REMARKS

The references cited on attached forms PTO-1449 are being called to the attention of the Examiner. It is respectfully requested that the cited information be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

The two Form PTO-1449 were submitted on December 27, 2000 and September 9, 2002, respectively, in the parent application U.S. Serial Number 09/580,515. In accordance with 37 CFR §1.98(d), copies of the references cited in the parent application are not included in this submission (MPEP §609A(2)); however, for the Examiner's convenience, if requested, Applicants will provide a copy of any or all of the references cited therein.

As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

Applicants believe that no fee is required for submission of this statement, since it is being submitted prior to the first Office Action. However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 06-1050. If necessary, please deduct any necessary additional fees from, or credit any overpayment to, the above-noted Deposit Account.

If the Examiner believes a telephone conference would expedite prosecution of this application, please telephone the undersigned at 858 678 4392.

Respectfully submitted,

Date: 9/19/02


Mi K. Kim
Reg. No. 44,830

Substitute Form PTO-1449

U.S. Department of Commerce
Patent and Trademark Office

Attorney's Docket No.

Application No.

(Modified)

09010-029005

09/580,515

Applicant

Jay M. Short et al.

Filing Date

May 25, 2000

Group Art Unit

1652

SEP 13 2002

**SUPPLEMENTAL
Information Disclosure Statement
by Applicant**

(Use several sheets if necessary)

(37 CFR §1.98(b))

U.S. Patent Documents

Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date if Appropriate
	AAA	5,366,736	11/22/1994	Edwards, Jr.			
	AAB	5,436,156	7/25/1995	Van Gorcom et al.			
	AAC	5,830,696	11/3/1998	Short			
	AAD	5,939,303	8/17/1999	Cheng, et al.			
	AAE	6,190,897 B1	2/20/2001	Kretz			
	AAF						

Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AAG	0 282 042B1	6/8/1994	Europe			Abstract only	
	AAH							

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	AAI	Henrik Brinch-Pedersen, Annette Olesen, Soren K. Rasmussen & Preben B. Holm, "Generation of Transgenic Wheat (<i>Triticum aestivum</i> L.) for Constitutive Accumulation of an <i>Aspergillus</i> Phytase", 2000, Molecular Breeding, pp. 195-206
	AAJ	J. Dvorakova, "Phytase: Sources, Preparation and Exploitation", 1998, Folia Microbiol, Vol. 43(4), pp. 323-338
	AAK	Lori Giver, Anne Gershenson, Per-Ola Freskgard, and Frances H. Arnold, "Directed Evolution of a Thermostable Esterase", October, 1998, National Academy of Sciences, Vol. 95, pp. 12809-12813
	AAL	R. Greiner, U. Konietzny, and Kl.-D. Jany, "Purification and Characterization of Two Phytases from <i>Escherichia coli</i> ", May 15, 1993, Archives of Biochemistry and Biophysics, Vol. 303, No. 1, pp. 107-113
	AAM	M. Lehmann, L. Pasamontes, s. F. Lassen, M. Wyss, "The Consensus Concept for Thermostability Engineering of Proteins", 2000, Biochimica et Biophysica Acta, Vol. 1543, pp. 408-415
	AAN	Lutz Jermutus, Michel Tessier, Luis Pasamontes, Adolphus P.G.M. van Loon, and Martin Lehmann, "Structure-based Chimeric Enzymes as an Alternative to Directed Enzyme Evolution: Phytase as a Test Case", 2001, Journal of Biotechnology Vol. 85, pp. 15-24
	AAO	Andrea Tomschy, Michel Tessier, Markus Wyss, Roland Brugger, Clemens Broger, Line Schnobelen, Adolphus P.G.M. van Loon, and Luis Pasamontes, "Optimization of the Catalytic Properties of <i>Aspergillus fumigatus</i> Phytase Based on the Three-dimensional Structure", 2000, Protein Science, pp. 1304-1311

Examiner Signature

Date Considered

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute Form PTO-1449
(Modified)U.S. Department of Commerce
Patent and Trademark Office

Attorney's Docket No.

09010-029005

Application No.

09/580,515

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Group Art Unit

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SUPPLEMENTAL**Information Disclosure Statement
by Applicant**

(Use several sheets if necessary)

(37 CFR §1.98(b))

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	AAP	Costantino Vetriani, Dennis L. Maeder, Nicola tolliday, Kitty S.-P. Yip, Timothy J. Stillman, K. Linda Britton, David W. Rice, Horst H. Klump, and Frank T. Robb, "Protein Thermostability Above 100°C: A Key Role for Ionic Interactions", October, 1998, National Academy of Sciences, Vol. 95, pp. 12300-12305
	AAQ	Markus Wyss, Roland Brugger, Alexandra Kronenberger, Roland Remy, Rachel Fimbel, Gottfried Oesterheld, Martin Lehmann, and Adolphus P.G.M. van Loon, February, 1999, Applied and Environmental Microbiology, Vol. 65, No. 2, pp. 367-373
	AAR	Database accession No. AR130956
	AAS	Database accession No. AAX26540
	AAT	Database accession No. P07102

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Date Considered

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